

January 19, 2023

Karen H. Stachowski Senior Assistant Attorney General Financial Division, Consumer Advocate Unit Office of the Attorney General P.O. Box 20207 Nashville, TN 37202 Electronically Filed in TPUC Docket Room on January 19, 2023 at 2:08 p.m.

VIA Email: karen.stachowski@ag.tn.gov

RE: Docket No. 22-00133 - Petition of Tennessee Wastewater Systems, Inc. to Amend its Certificate of Convenience and Necessity to Include Hilltop Ridge Subdivision

Dear Ms. Stachowski,

The following are responses to your MFR letter dated January 5, 2023, related to the CCN Petition in the above referenced docket.

Rule 1220-04-13-.17(2)(a) — Higher resolution maps have been electronically filed with the Commission.

Rule 1220-04-13-.17(2)(d)2 - A copy of the renewed operator's license is included with this response.

Rule 1220-04-13-.17(2)(d)4 -

- (i) I have followed up with the TDEC office in East TN and they were not aware of the complaint. They are following up and will update the record in their database.
- (ii) TPUC was already aware of Mr. McCabe's complaint as a docket has been opened to address his concerns. His letter to TDEC does fall within the scope of the TPUC rule.

Rule 1220-04-13-.17(2)(e) - TWSI and the Consumer Advocate have discussed and resolved this concern.

Rule 1220-04-13-.17(2)(e)8 — Updated tariff pages are included with this response.



Please let me know if you have any outstanding questions or concerns relating to this matter.

Kind regards,

Jeff Risden | General Counsel

cc: Patsy Fulton - patsy.fulton@tn.gov

Cole McCormick — <u>cole.mccormick@tn.gov</u> Kelly Cashman-Grams — <u>kelly.grams@tn.gov</u>

WATER AND WASTEWATER OPERATOR CERTIFICATION BOARD DEPARTMENT OF ENVIRONMENT AND CONSERVATION STATE OF TENNESSEE

LD. NO.

15046

EXPIRATION DATE 12/31/2023

THIS IS TO CERTIFY THAT.

Tracy A Nichols

LISTED: IS IN GOOD STANDING WIT

THE CLASSIFICATIONS

BNS, CS2

SECTION 4 - RESIDENTIAL RATES SHEET

Rate Class 1	Base	Escrow	Bonding	Environmental Rider (D)	Total	
	\$ 40.48	\$ 7.27	\$0.12 (R)	\$0.00	\$	47.87(R)
Rate Class 2	\$ 40.48	\$ 7.27	\$0.12 (R)	\$0.00	\$	47.87(R)
Rate Class 5	\$ 36.66	\$ 5.69	\$0.12 (R)	\$0.00	\$	42.47(R)
Rate Class 6	\$ 36.66	\$ 5.69	\$0.12 (R)	\$0.00	\$	42.47(R)
Rate Class 9	\$ 20.55	\$ 3.39	\$0.12 (R)	\$0.00	S	24.06*(R)

- * Southridge customers will have a pass-through treatment cost assessed to their monthly bill. The pass-through treatment cost is calculated using the water meter readings as provided to TWSI by the East Montgomery Water Co. and the multiplier charged to TWSI by Clarksville Gas and Water to provide wastewater treatment. This cost will be filed annually with TPUC in June and effective upon approval. The current pass through treatment cost is 0.0096296082 per gallon.
- ** Each condominium unit will be billed as a residential customer and be individually billed.
- *** Customers in the City of Coopertown will be billed a 3% franchise fee (applied to the base rate only).
- **** The bonding fee will be updated with an annual filing with TPUC in August and effective upon approval.

Fees:

Non-Payment – 5% of total bill amount

Disconnection - \$40

Reconnection - \$50

Returned Check (NSF Fee) - \$25

Returned ACH - \$25

Capacity Reservation Fee - \$10 per month (See Rules and Regulations for Explanation)

Credit Card Convenience Fee: 2.45% with a \$1.25 minimum fee (R)(N)

City of Coopertown Franchise Fees: 3%

Issued: December 13, 2022 Effective: December 13,

2022

SECTION 6 – COMMERCIAL RATE SHEETS

COMMERCIAL RATES SHEET without FOOD SERVICE

The monthly sewer charge per customer is based on the daily design flow expected from the type of establishment being served. The utility will periodically check actual flow to determine whether billing adjustments will need to be made.

				Environmental	
	Base	Escrow	Bonding	Rider	Total
Tier 1 (0 - 300 GPD)	\$95.93	\$14.87	\$0.12(R)	\$0.00	\$110.92(R)
Tier 2.1 (301 - 400 GPD)	\$115.07	\$17.98	\$0.12(R)	\$0.00	\$133.17(R)
Tier 2.2 (401 - 500 GPD)	\$134.21	\$21.09	\$0.12(R)	\$0.00	\$155.42(R)
Tier 2.3 (501 - 600 GPD)	\$153.34	\$24.21	\$0.12(R)	\$0.00	\$177.67(R)
Tier 2.4 (601 - 700 GPD)	\$172.48	\$27.32	\$0.12(R)	\$0.00	\$199.92(R)
Tier 2.5 (701 - 800 GPD)	\$191.62	\$30.43	\$0.12(R)	\$0.00	\$222.17(R)
Tier 2.6 (801 - 900 GPD)	\$210.76	\$33.54	\$0.12(R)	\$0.00	\$244.42(R)
Tier 2.7 (901 - 1,000 GPD)	\$229.89	\$36.66	\$0.12(R)	\$0.00	\$266.67(R)
Tier 3.1 (1,001 - 2000 GPD)	\$381.18	\$56.37	\$0.12(R)	\$0.00	\$437.67(R)
Tier 3.2 (2,001 - 3,000 GPD)	\$533.29	\$76.1 1	\$0.12(R)	\$0.00	\$609.52(R)
Tier 3.3 (3,001 - 4,000 GPD)	\$685.4 1	\$95.84	\$0.12(R)	\$0.00	\$781.37(R)
Tier 3.4 (4,001 - 5,000 GPD)	\$837.53	\$115.57	\$0.12(R)	\$0.00	\$953.22(R)
Tier 3.5 (5,001 - 6,000 GPD)	\$989.64	\$135.31	\$0.12(R)	\$0.00	\$1,125.07(R)
Tier 3.6 (6,001 - 7,000 GPD)	\$1,141.76	\$155.04	\$0.12(R)	\$0.00	\$1,296.92(R)
Tier 3.7 (7,001 - 8,000 GPD)	\$1,293.88	\$174.77	\$0.12(R)	\$0.00	\$1,473.77(R)
Tier 3.8 (8,001 - 9,000 GPD)	\$1,446.00	\$194.50	\$0.12(R)	\$0.00	\$1,640.62(R)
Tier 3.9 (9,001 - 10,000 GPD)	\$1,598.11	\$214.24	\$0.12(R)	\$0.00	\$1,812.47(R)
Unknown 25,000 GPD	\$ 3,879.87	510.23	\$0.22(R)	\$0.00	\$ 4,390.32(R)

Excess water usage

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

If usage exceeds 10,000 gallons per day, the charge will be \$1628.40 plus applicable escrow, bonding, and rate rider amount plus \$171.85 per 1000 gallons.

Issued: December 13, 2022 Effective: December 13,

2022

If the water meter readings exceed the design flow for any three consecutive months, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system will be paid by the customer.

Fees:

Nonpayment – 5%

Disconnection - \$40

Reconnection - \$50

Returned Check - \$25

Returned ACH - \$25

City of Coopertown Franchise Fees: 3%

Credit Card Convenience Fee: 2.45% with \$1.25 minimum fee (R)(N)

Issued: December 13, 2022

Effective: December 13,

2022

COMMERCIAL RATES SHEET with FOOD SERVICE

The monthly sewer charge per customer is based on the design daily flow expected from the type of establishment being served. The utility will periodically check actual flow to determine whether billing adjustments will need to be made.

	Base	Escrow	Bonding	Environmental Rider	Total
Tier 1 (0 - 300	****	***			
GPD)	\$127.88	\$19.82	\$0.12	\$0.00	\$147.92(R)
Tier 2.1 (301 - 400 GPD)	\$151.18	\$23.17	\$0.12	\$0.00	\$174.47(R)
Tier 2.2 (401 - 500 GPD)	\$174.49	\$26.51	\$0.12	\$0.00	\$201.12(R)
Tier 2.3 (501 - 600 GPD)	\$197.80	\$29.85	\$0.12	\$0.00	\$227.77(R)
Tier 2.4 (601 - 700 GPD)	\$221.11	\$33.19	\$0.12	\$0.00	\$254.42(R)
Tier 2.5 (701 - 800 GPD)	\$244.42	\$36.53	\$0.12	\$0.00	\$281.07(R)
Tier 2.6 (801 - 900 GPD)	\$267.73	\$39.87	\$0.12	\$0.00	\$307.72(R)
Tier 2.7 (901 - 1,000 GPD)	\$291.03	\$43.22	\$0.12	\$0.00	\$334.37(R)
Tier 3.1 (1,001 - 2000 GPD)	\$475.73	\$67.97	\$0.12	\$0.00	\$543.82(R)
Tier 3.2 (2,001 - 3,000 GPD)	\$661.37	\$92.73	\$0.12	\$0.00	\$754.22(R)
Tier 3.3 (3,001 - 4,000 GPD)	\$847.00	\$117.50	\$0.12	\$0.00	\$964.62(R)
Tier 3.4 (4,001 - 5,000 GPD)	\$1,032.63	\$142.27	\$0.12	\$0.00	\$1,174.92(R)
Tier 3.5 (5,001 - 6,000 GPD)	\$1,218.26	\$167.04	\$0.12	\$0.00	\$1,385.52(R)
Tier 3.6 (6,001 - 7,000 GPD)	\$1,403.89	\$191.81	\$0.12	\$0.00	\$1,595.82(R)
Tier 3.7 (7,001 - 8,000 GPD)	\$1,589.53	\$216.57	\$0.12	\$0.00	\$1,806.22(R)
Tier 3.8 (8,001 - 9,000 GPD)	\$1,775.16	\$241.34	\$0.12	\$0.00	\$2,016.62(R)
Tier 3.9 (9,001 - 10,000 GPD)	\$1,960.79	\$266.11	\$0.12	\$0.00	\$2,227.02(R)
Unknown 25,000 GPD	\$4,745.27	\$637.63	\$0.12	\$0.00	\$5,383.12(R)

Excess water usage

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

Issued: December 13, 2022 Effective: December 13,

2022

If usage exceeds 10,000 gallons per day, the charge will be \$1997.95 plus applicable escrow, bonding, and rate rider amount plus \$210.40 per 1000 gallons.

If the water meter readings exceed the design flow for any three consecutive months, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system will be paid by the customer.

Fees:

Nonpayment – 5% Disconnection - \$40 Reconnection - \$50 Returned Check - \$25 Returned ACH - \$25

City of Coopertown Franchise Fees: 3%

Credit Card Convenience Fee: 2.45% with \$1.25 minimum fee

Issued: December 13, 2022

Effective: December 13,

2022

COMMERCIAL RATES SHEET CABINS

The monthly sewer charge per customer is based on the square footage of the cabin as recorded with the Register of Deeds office.

				Environmental	
	Base	Escrow	Bonding	Rider	Total
Small 0-2000	\$60.85	\$13.15	\$0.12	\$0.00	\$74.12(R)
Medium 2001-4000	\$69.68	\$16.32	\$0.12	\$0.00	\$86.12(R)
Large 4001-6000	\$82.44	\$19.56	\$0.12	\$0.00	\$102.12(R)
Extra Large 6001+	\$102.07	\$22.93	\$0.12	\$0.00	\$125.12(R)

Fees:

Nonpayment – 5% Reconnection - \$50 Disconnection - \$40

Returned Check - \$25 Returned ACH - \$25

Credit Card Convenience Fee: 2.45% with \$1.25 minimum fee

Issued: December 13, 2022 Effective: December 13,

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Hilltop Ridge Treatment Facility Wastewater Treatment, STEP System, Collection and Drip Dispersal Plans MONTGOMERY COUNTY, TN

SOP - ____ Sewer Plans

Drawing Index

Sheet No.

Title

C0.0 C0.1

Cover Sheet Moster Plan

C1.0-C1.1

Master Plan
Wastewater Collection Plans

Del



No Portion Of This Site Lies Wiltin The 100 Year Flood Plate Per F.E.M.A. Community Punel No. 47125C0338E, Dated 1/18/21.

Total Site Land Data:

Total Area = 154.00± Area

STEP Land Data: Whatevooler Let 1 Arms = 8.48± Across

Yard Requirements:

Frent: 30' Side: 16' Reat: 30'

Deed Reference:

The property shown hereon is Tex Maps:
Map 100, Percel #1,00 Civil District, 17. Magisterial District in
Montagenery County, as recorded in Record Bir. 2119, Pg 2832.

STEP Design: Design Flow = 68 Lota x 300 gpd = 20,400 gpd

Design Loading Soil Rate = 0.2 gallet
Recufred Land Application Area = 2.34 Acres
Proposed Land Application Area = 2.34 Acres
Required 60% Land Reserve Area = 1.17 Acres
Proposed Land Reserve Area = 1.21 Acres
Total Required Land Application + Reserve = 3.81 Acres
Total Required Land Application + Reserve = 3.85 Acres
Total Regulated Land Ambridge # Managem = 3.85 Acres

Contacts: Engineer:

Sta Engineering Consultante, 850 Middle Tennessee Blvd. Murressboro, 780-7801 Phone: (816) 860-7801

East Montgomery Utility District:

5195 Hery 41-A South Clarter-Sta, TN 37043 Phone: (931) 368-1921

Tennessee Wastewater Systems, Inc.:

849 Aviation Plany Smyrra, TN 57167 Contact: Matt Nicks



STTE ENGINEERING CONSULTANTS SNOWESSING - SURVEYING - LAND MAINING

250 MIDDLE TERRIERS BOULEVARD MURFREESORD, TERRESSES 57129
FECKE: (615) 890-7901 E-MAIL: INSENDINGSC-CTVIL.COM FAX: (615) 895-2567

By games F. Doed-TIE

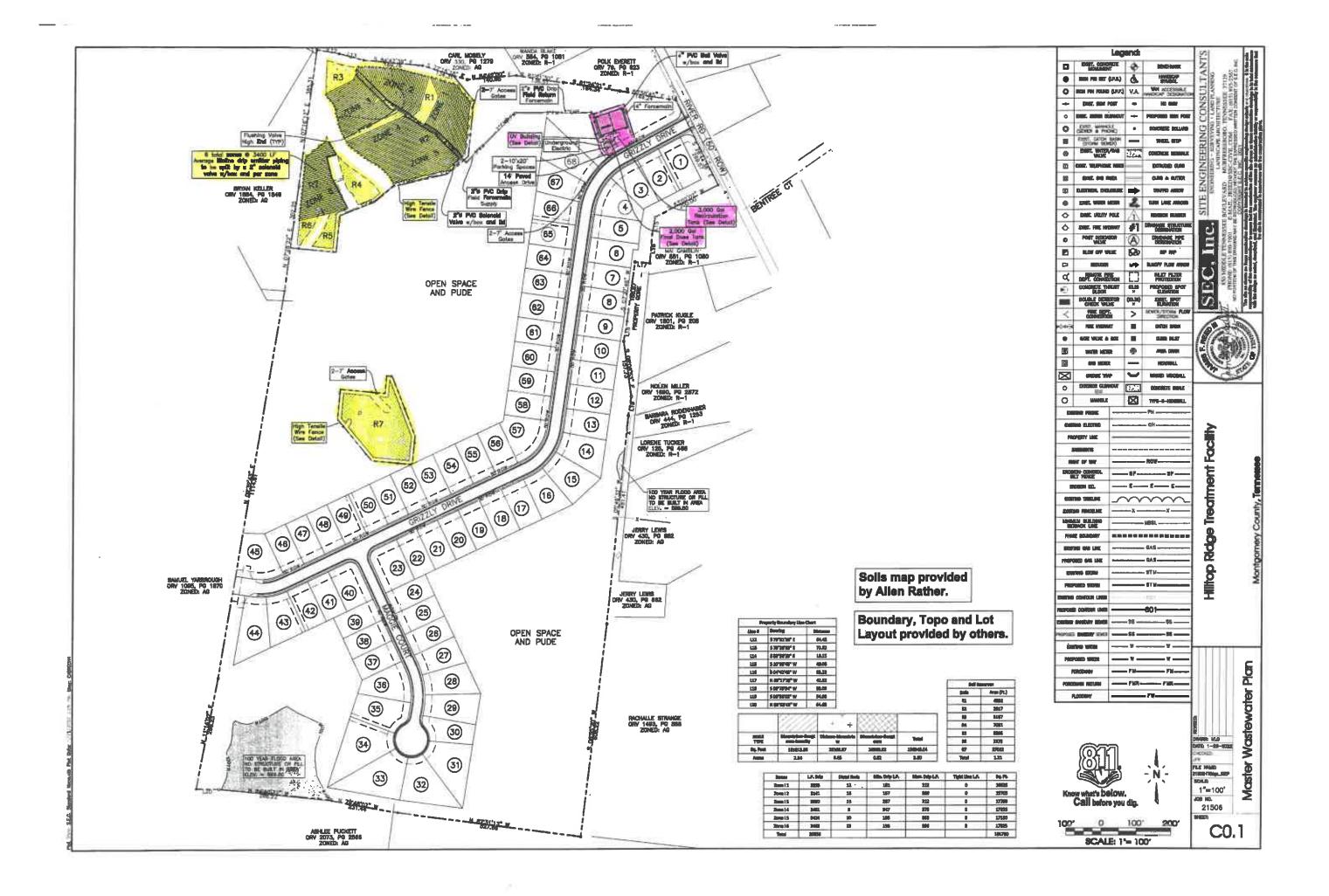
_____ Date: <u>______31,2022</u> TN. Reg. #109038



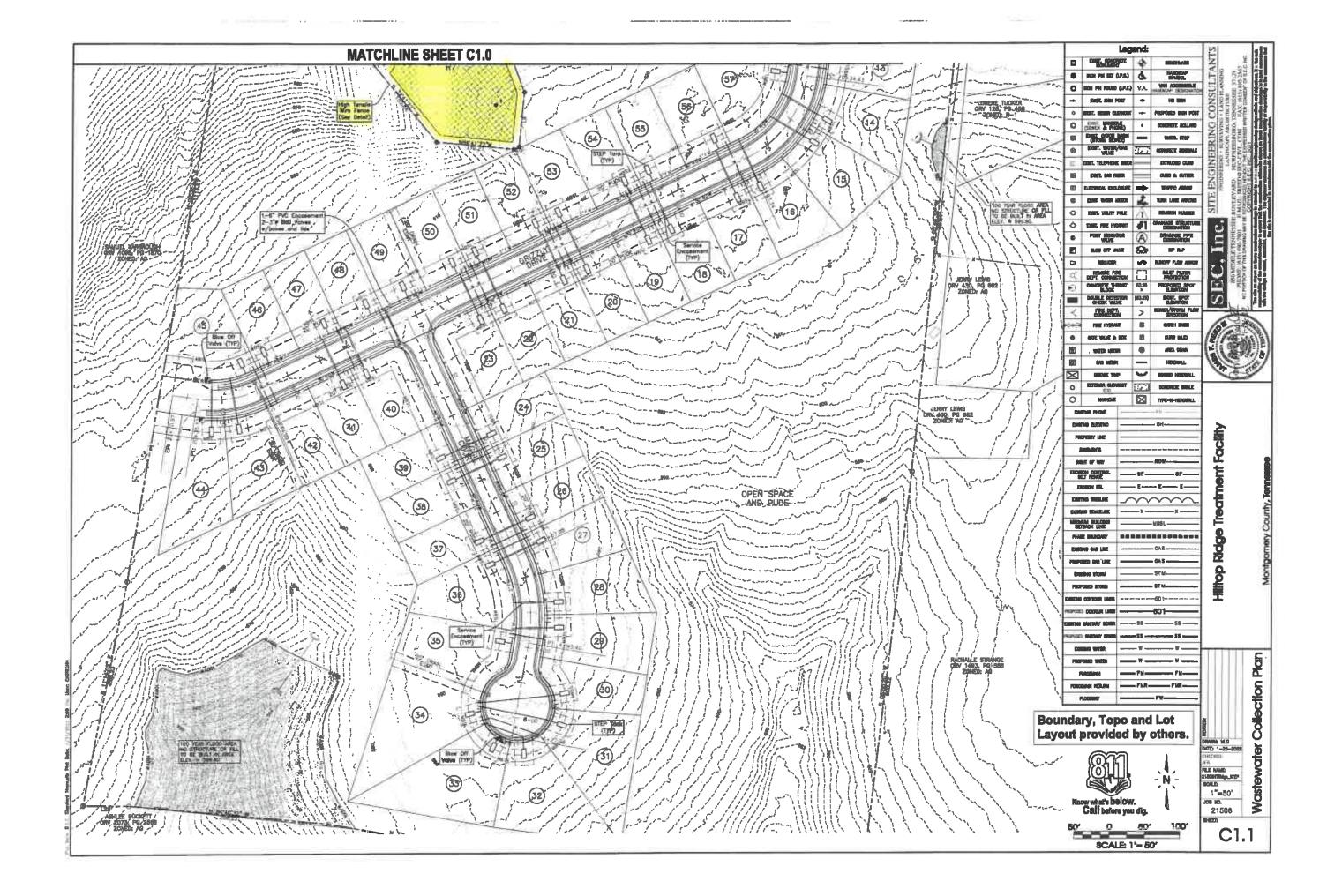
Sheet CO.0 Hillitop Ridge Treatment Facility S.E.C. Project #21506 Date: 01-28-2022

ADENUS SOLUTIONS GROUP 849 AVIATION PARKWAY SMYRNA, TN 37167

LOCATION MAP







- Grading and Drainage Notes:

 1. The site work contentor shell mendines the hydridelism of all underground utilities with the serie. All underground utilities fruity, surface series, shelded consider, frigition absorue, and any other relaxedances underground utilities, declare, or structurally, shell be 20-place prior to the placement of been course related.
- 2. The contraster shall said saiding personnels on recovery to owners a except fit and statistical contrast.
- The earlyingler shall width horizontal and variant leastles of all existing alarm occur sto place and all extense prior to construction.
- il. Any graded or distribut areas shot turn 4 hahan of tepanii, apad, unitsh, forlitar and units-opplied until a hadily simul of grans is abidand. The restoration shall elemity follow complyation

- 2. Context the Managementy County Engineering Department at 831-853-6115 in request payoling to partners work within the public right-of-very.
- 0. Any impresentate or modifications within the public right-of-way require the approxed of the Monigovany County Highway Department,

Erosion Control Notes:

- 1. The site contrastor is responsible for exhalishing and restricting solution enuder and soldward contrast devians on-this during construction on respired to propose sit force inswing site. Site will not be allowed begand
- 2. This application to respondible for removing allt from alto If not respekte on-alty and quarting plot objustent and grade in all dilates at complettes of economician.
- 4. Breates control shall be provided for all set and 40 operations which the light of the operaturation also, throughout the construction party to pounds the sale will recommend protection from evadors at all three.

- Buleting policy lives of your cry approximate insafines only. The contraster shall field workly oil contings 1989 the locations prior to any membranism. Any deciditions from the depict leastform shall be reported to the numer or uniform prior to complete prior to beginning constitutions.
- 3. The contraster shall notify each individual utility somer of the plan of operation in the area of the utilities, prior to composing usefs, the confineder shall content the utility somers and request them to properly lends taker requested utility or the ground. This artification shall be given at least three (3) hashness sign prior to commonweast of operations around the stilly.
- 4. The conformation shall return to engineer's prices and equivalifications for explical boundary of all USBNy endourness to Installad socializary connect instance, demonstrate notices, and electrical effects and expensive shall considerate installation of USBNs in such a concern on to revisit contribute on causes proper depths are achieved as well an administrating with the regulatory against on to location and substantially office the conformation of the freedings.
- II. All undergreated stilling (other, comer, shown mover, electrical comball, brigation abuves, and any other relaxablescent), clost be in-plans prior to the pleasurest of home source moderful.
- 7. In Tannasses R is a requirement per "the underground utility damage prevention set" that organs who angages is consection must notify all income stilly convert, no test from three nor more than tentering days, prior to that intensive assessments. A list of those stilly convert may be obtained from the country oppositor of closel follows utility convert into performent in the Tennasses copy cell system can be notified tell from at 5-600-287-1111.

- S.T.E.P. System General Notice:

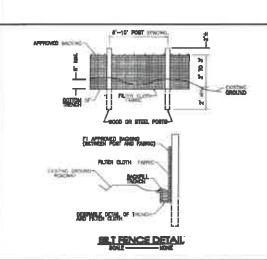
 1. The treatment system comparison or storm are general in relate. More field edipatrons may be necessary. The contraster may request to results the destine of the compounds through the opport and the increases Distinct of Water Professor Conflict.

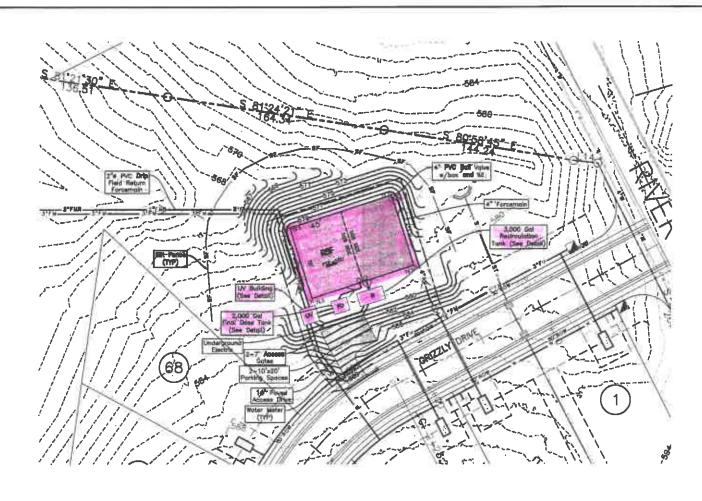
- Contractor shall except with the most convext regularante, specifications, and detail develops for the installation of STEP system extinction these as extined per equationisms of T.W.E.
- 8. All transless, pipe leging, and beautiling shall be in generalmen with federal D.E.H.A. regular
- 7. Utility contractor shall have approved of all governing against besteg jurisdiction over this system prior to fastericate.
- s. All terim shall be end-place, atrusturally assend, waterlight testes as manufactured by Jerrett Concrete Products, or approved equal.
- 6. Tasking procedure for restor highlesons in on follows. Fill facility into the close. After a period of 24 hours, the value level should have become as some than X^{μ} .
- IB, Collection forecasts shall be 274, 474 dt 674 WRT7 grann PVC pipe (caler in be coordievind with Conscious Wasirucius). Forecasts shall be techniqued and caled for a 150 PM worldg protecus

E. Apparent errors, disorparates, or evolutions on the drawing shall be brought to the alphabin of the some prior to list subcritich. The confronter may not use apparent errors, disorpanatins, or excitation present on the develops presented for hidden for collisions of storages after hidde have been admitted. The architect shall be paralleled to entire corrections and interpretabless on may be deemed accessory

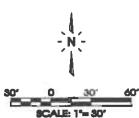
3. The positypier shull alone all Improvements using the generative data provided in the decelogs, it is the sale troposability of the contrastor to completely state and electrical improvements to assume adoptate positioning, both functional and vertical, prior to the installation of any frequency in. No digital life tell to provided.

- 3. After completion of construction, the contractor shall partern ofte change to remove all truch, chicks, excess restriction, engineers, and other deletarious meterate associated with construction. The contractor is approach responsible for comming the site in steam and in operation condition at the time of final completions.
- fi. The contension is responsible for the protection and replacement of all properly pine on this obs.
- 7. These drawings are intended for use on this also only and as an integrated set for this specific project. These drawings may set be used in whole or in part on any other project protes the productional angiover's set, 'the users shall had hereaften end indensity the architect and engineer inverse of adjusted buy and of shall not any nature whicheavour critical form until use.
- δ_i A separate R.O.W. Execution Fourth bound from Montgamery County shall be required for any execution or constantion in the public R.O.W.





RECIRCULATING SAND FILTER **GRADING PLAN**



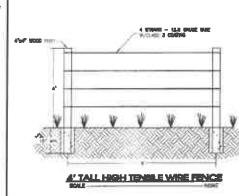
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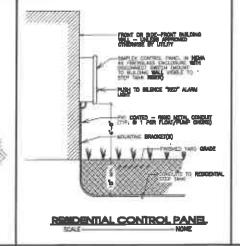
SITE ENGINEERING CONSULTANTS
DOINGEBRING - SUNVEYING - LAND HANNERS

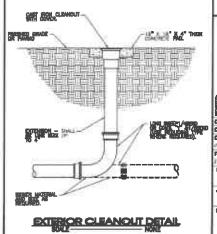
Inc.

SEC,

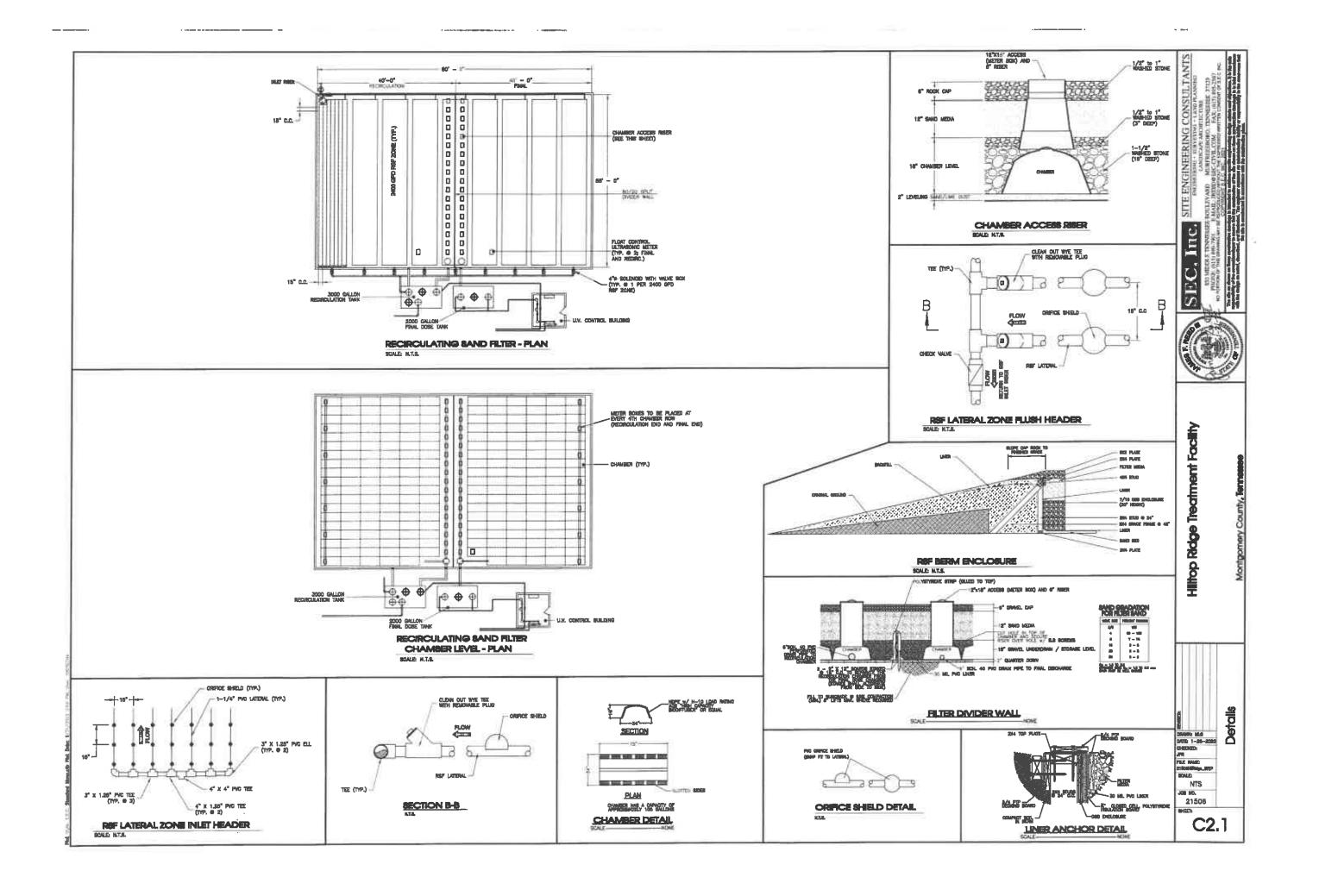
SSEE 17139 ALLY MIS 2587 Delical OF 4142

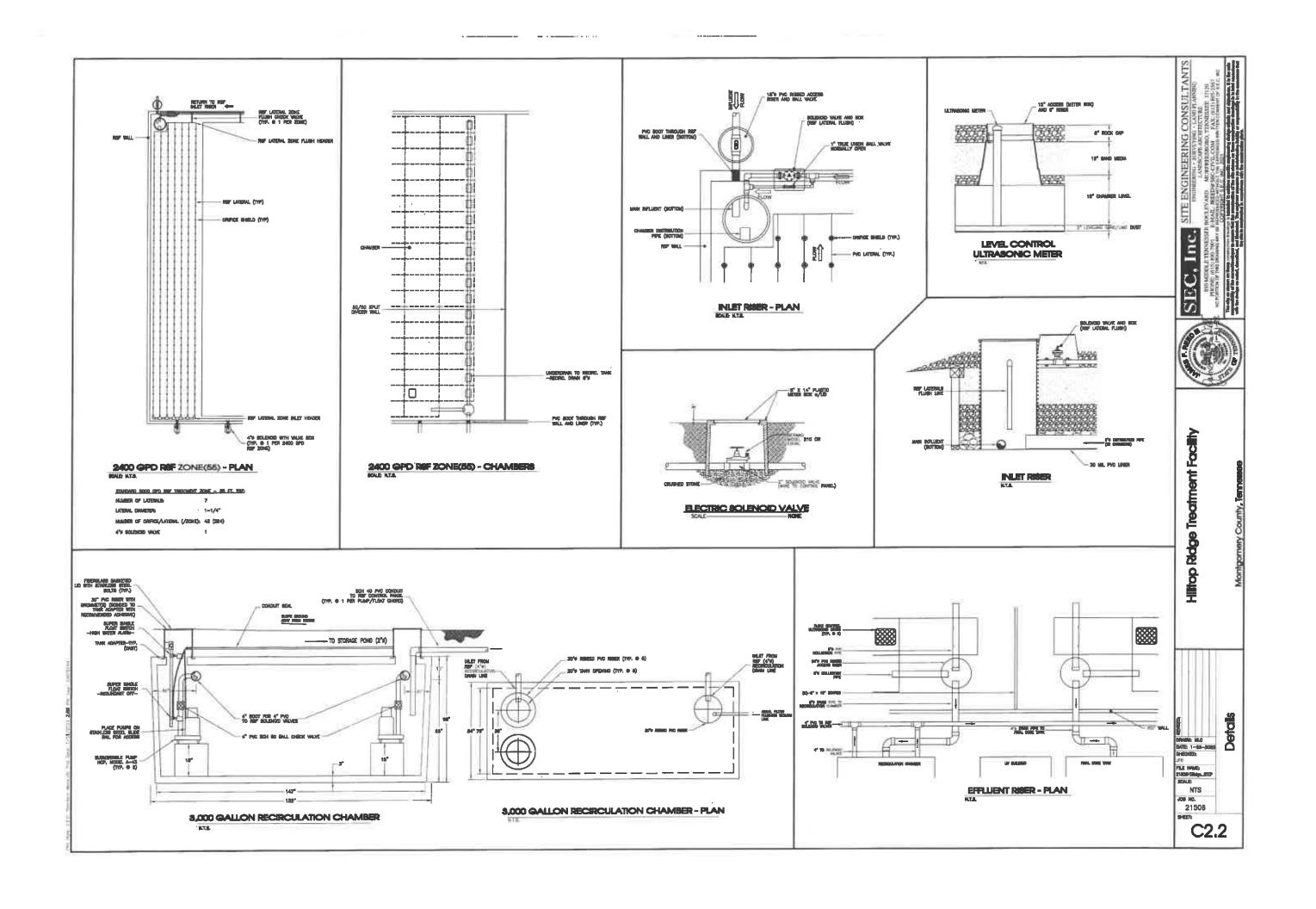


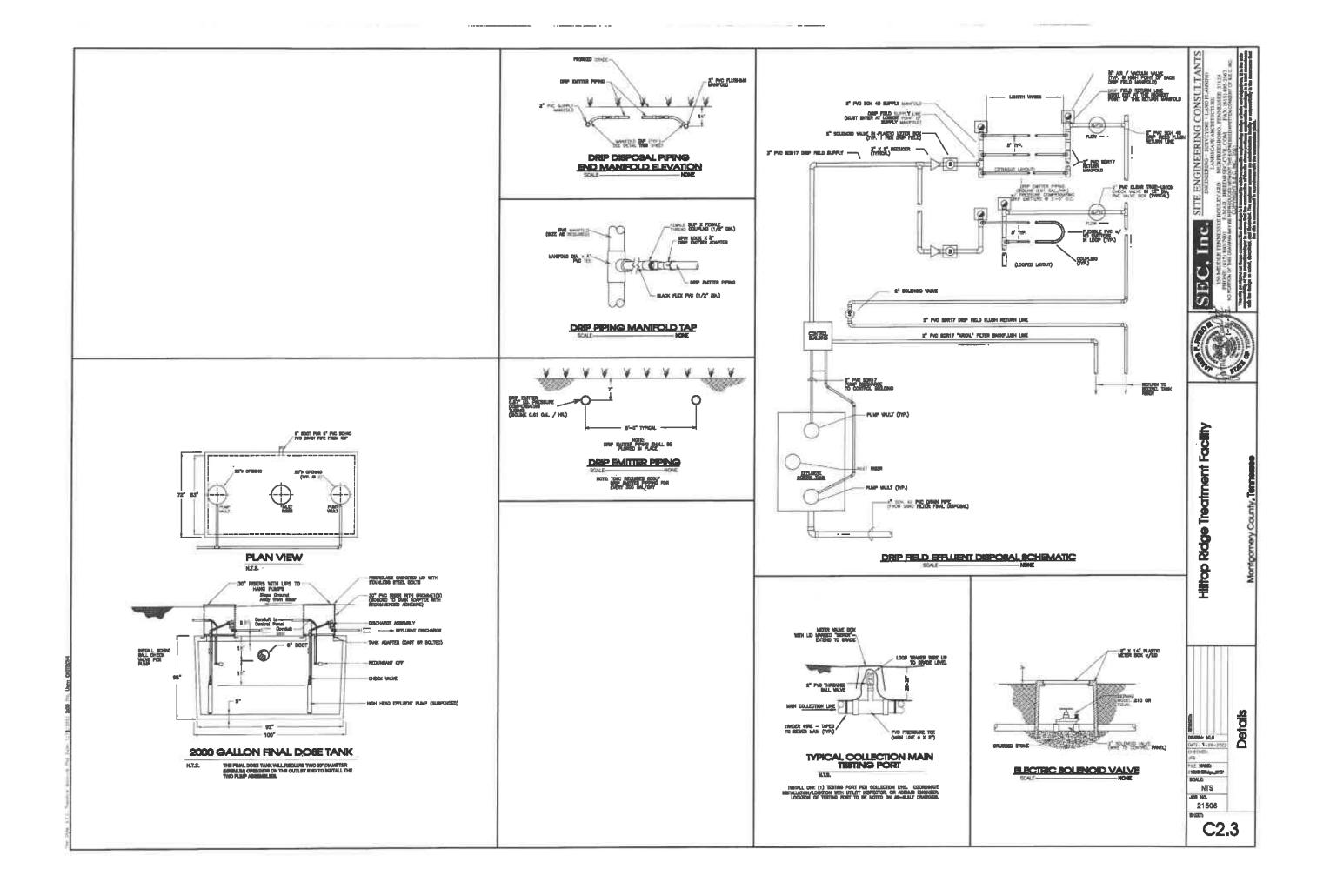


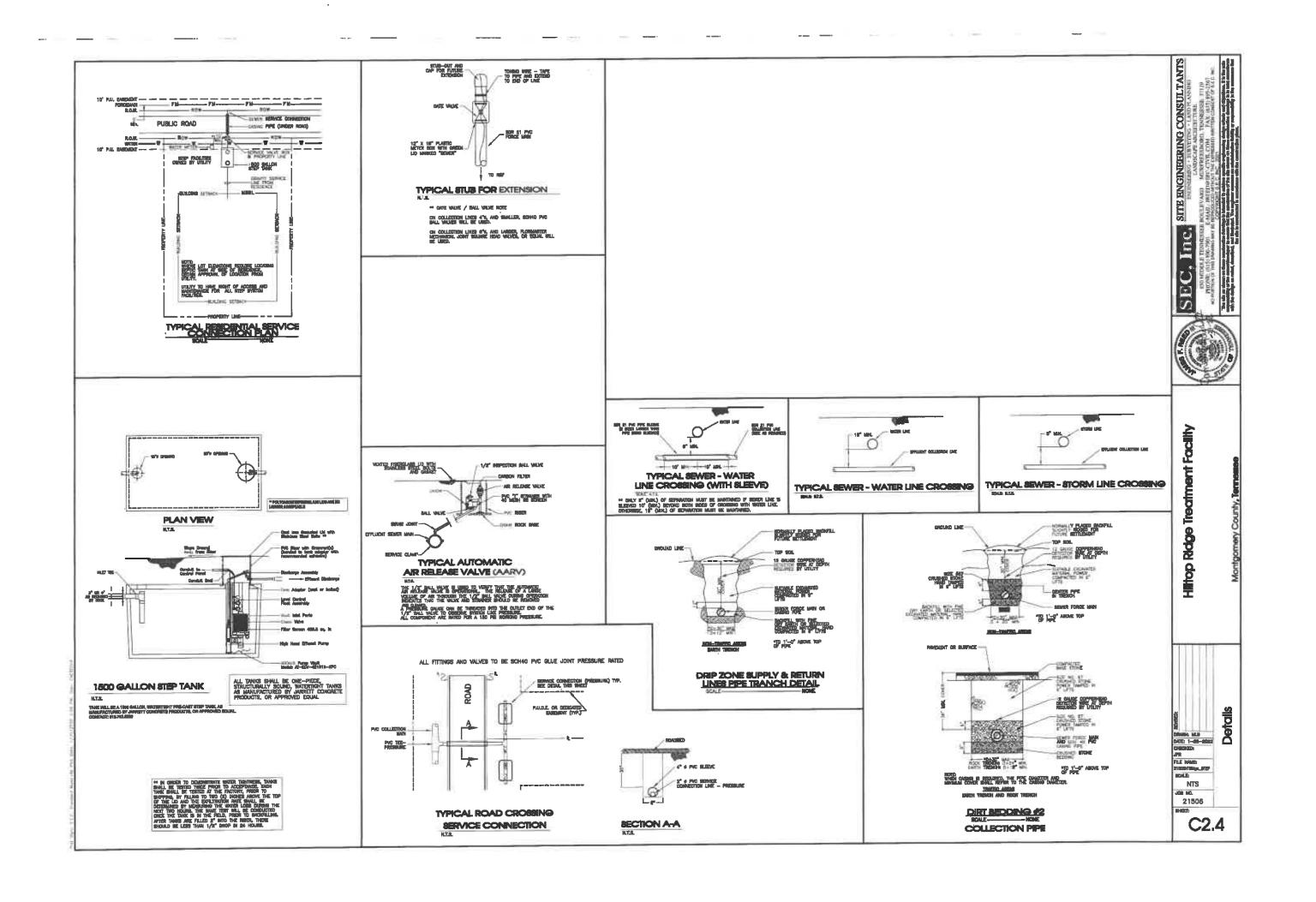






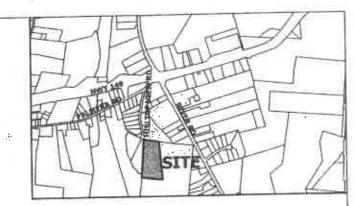


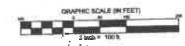




gizzla wife Soil mad Grid Stake Survey
Of a Portion of the Jason Winn Property W River Road, Clarksville, Montgomery County Tenries e 37040 Dekson/mourousil 6- 67. Slage WON ROD (OLD) BRYD-GARL MOSELY VOL 330, PG 1279 IRON NOD (OLD) CRABTREES Signature Of Coll Consultant
Dose Not Constitute Approval
Of The Local Environmental Authority 4-46 rable 107 130 181 174 18 mourorview/ Sengreen / True city LOT 1 MINOR PLAT OF THE MURPHY PROPER PB J, PB 300 5-159-51-pe Names ? .- Pranting - Moio by tolar -- Draw- Awons by It goat. TTT . - car bonk Avera by 15 fact == Logging Ruen - must be Ploused [Smoothed to be ANY CUTTING, FILLING OR COMPACTION WILL VOID L Sad 200 THIS SOIL MAP Limins of Isoil may 121 122 148 167 mount uses / seng town 5-157, 51 Me Adiobata Line REV 1_08-20-2021: Update Grid Area A







MAP REFERENCE

The adject property is blentified at parent ID 144 100.05 on the Managemery County, Transmiss Presents Man.

SURVEYOR'S NOTES

- The Subject Area is located in the 17th Civil District of Management County Temperature.

- A Trike Report was not provided for the proposition of files always. Therefore, this survey is subject to the findings of an accurate title sourch.

 No Street determinations were provided to this nerveyet, this relative this survey does not address the enhances or non-existence of my vener of the paint, jurisdictional atoms button or well-side.
- This survey does not address the owner off any Property of address any obvious distance evacuable of any adjoining property. Removal of any property like from clouds to socializated with adjacent country.
- The Subject Area is convertly Zoned A.G., Softenine per quirtuit maring, writh with local Zoning Assistive prior to construction maker design services.
- 9. Geld Linux are 50° x 50° Typical.
- Orld Map Aris A: 132,500 EQ FTA OR 3.84 Across. Grid Map Arus B: 22,500 EQ FTA OR 0.52 Across. Total Orld Ares: 120,000 EQ FTA OR 3.55 Across.
- 11. This Grid Map is set for us High Intensity Soil Map.
- 12. This curvey is saidly for Soll Mapping Purposes only.

SURVEYOR'S CERTIFICATE

I hearby eartify that this survey was extentify made on the ground under my disest approvides, onling the latint recorded death, and other latint resident that there are no encounterests or projectoph other than the above; and that this survey cannote the minimum regularization for a Campay's I Union Lead Survey pursuant to Climptor 0020-3, Section AS of the Department of Environce Standards of Presiden For Lead Surveyors; and that this survey is tree and correct to the best of any knowledge and belief.



MATT DHORITY, RILS
REGISTERED LAND SURVEYOR
2867 BRUNSWICK DR., CLARKSVILLE, TN. 37043
EMAIL: MATT.DHORITY@GMAILCOM
TELEPHONE: (615) 948-9091
www.mdsurveying.com



Inner Dunc Project ID: Doilled By. Clinicand By:

Grid Stake Survey

Sheet No.

V-1.00

E:\OneDrive\D Surveying\O Surveying\Projects\McKey Burchett & Co\winn prop